



Local Situation Report

Prepared: 08/03/2014 @ 0935

Local	GACC	Nat'l
2	2	3

Today's Fire Danger
HIGH

INCIDENT SUMMARY for Yesterday

COUNTY AND STATE FIRES						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>
JOX	Silage Pit	0.1	H	Contained	T43N R84W Sec21	

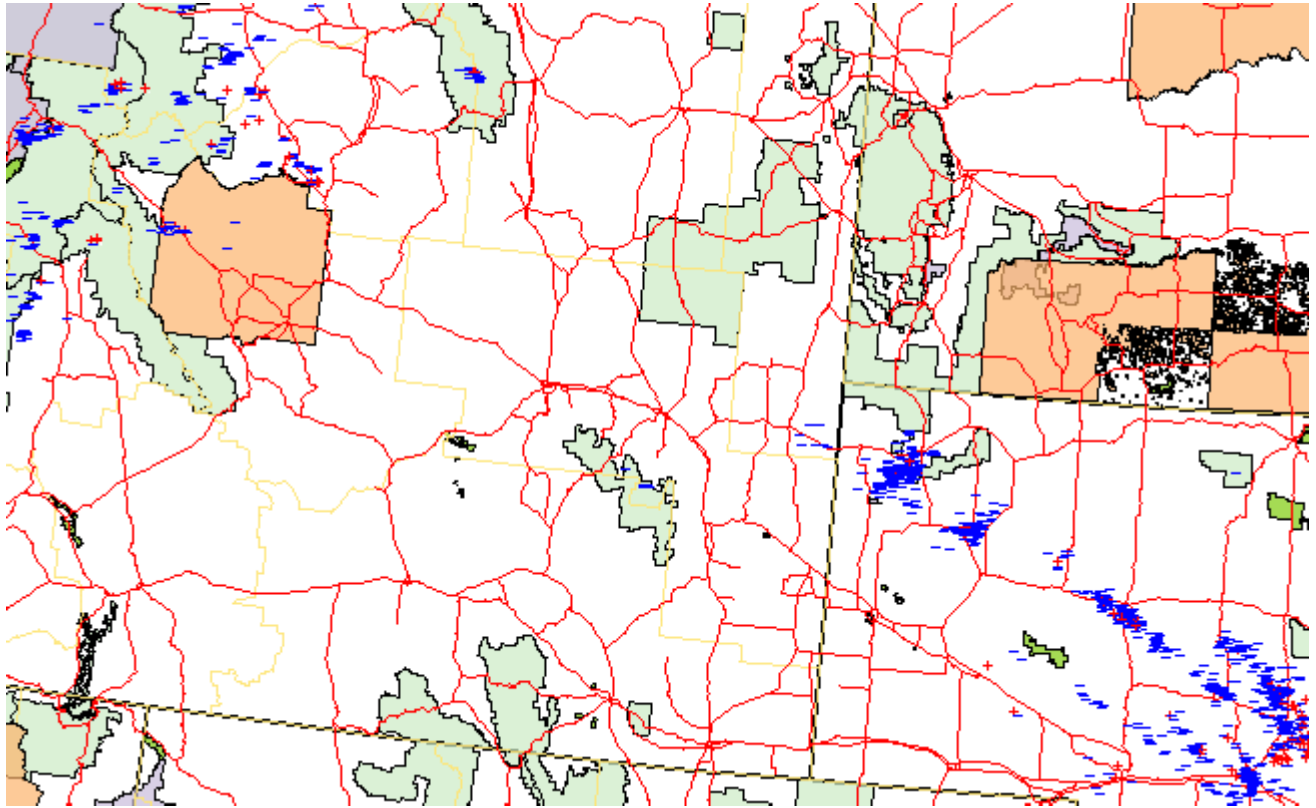
MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

WHPD BLM						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

Area Discussion:

Lots of misc. Overhead orders filled yesterday. 1 IA yesterday.

Lightning Map



INDICES (forecasted/actual)

<u>FDRA</u>	Predicted Today		
	Indices	Forecasted for 8/3	Actual for 8/2
Echeta	BI	70	44
Rochelle Hills	ERC	18	19
Rochelle Hills	BI	75	60
Poker Creek	ERC	61	60
Casper Mtn	ERC	64	63
Fales Rock	BI	63	80
Sandstone	ERC	N/A	66
Esterbrook	ERC	52	43
Sawmill Park	ERC	31	42

Duty Officers for Today:

<u>Duty Officers</u>	FS - Laramie	Gonnoud
	FS - Saratoga	Rogge
	FS - Douglas	Westbrook
	BLM	Ellis
	State	Graham
	FS – MBF NF	Bentley
	Dispatch	Adams

Local Aviation Resources		Location	Status
	2TJ (Duncan) State	Duncan HB	Avail
	2HX (Rawlins) BLM		

Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	0552	2024	2054
Casper	0559	2023	2053
Glenrock	0557	2022	2052
Laramie	0600	2017	2047

Fire Restriction for the zone:

Agency	Date	Closed	Remarks
WEX	7/10		Weston Cnt open burning restrictions
BLM	7/10		BLM Lands Weston County
SHX	7/28		Open burning restrictions
JOX	7/17		Open burning restrictions

Weather Discussion

WYZ280 -
NATRONA COUNTY/CASPER BLM

TEMPERATURES WILL WARM ACROSS THE AREA TODAY. INCREASED MOISTURE IS EXPECTED BOTH MONDAY AND TUESDAY. EXPECT COOLER TEMPERATURES... WITH INCREASED SHOWER AND THUNDERSTORMS. ALL ZONES WILL HAVE THE POTENTIAL FOR SHOWER ACTIVITY OVER THE NEXT FEW DAYS. WITH THE ADDED MOISTURE ON MONDAY AND TUESDAY...STORMS MAY CONTAIN HEAVY RAIN. THIS INCREASED PRECIPITATION WILL HELP TO ALLEVIATE ANY FIRE WEATHER CONCERNS FOR THE NEXT COUPLE DAYS.

...THUNDERSTORMS IMPLY STRONG GUSTY AND ERRATIC WINDS...
...HAINES INDEX IS HIGH LEVEL HAINES BOTH DAY AND NIGHT...

.TODAY...

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS AND
THUNDERSTORMS AFTER 1200. SOME THUNDERSTORMS
MAY PRODUCE GUSTY WINDS AFTER 1200. CHANCE OF
PRECIPITATION 20 PERCENT.
MAX TEMPERATURE.....87-92.
24 HR TREND.....4 DEGREES WARMER.
MIN HUMIDITY.....13-19 PERCENT.
24 HR TREND.....1 PERCENT DRIER.
20-FOOT WINDS.....UPSLOPE/UPVALLEY 5-9 MPH.
RIDGE TOP WINDS.....SOUTH 10 TO 15 MPH UNTIL 1500...THEN NORTHEAST.
LAL.....1 UNTIL 1200...THEN 2.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....SOUTHWEST AROUND 10 MPH UNTIL 1500...THEN
NORTH.
MIXING HEIGHT.....4000-6500 FT AGL UNTIL 1200...THEN 8500-11000
FT AGL.
SMOKE DISPERSAL.....FAIR TO GOOD (52000-72000 KNOT-FT).
HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....MOSTLY CLEAR.
MIN TEMPERATURE.....57-62.
24 HR TREND.....2 DEGREES WARMER.
MAX HUMIDITY.....67-73 PERCENT.
24 HR TREND.....7 PERCENT WETTER.
HUMIDITY RECOVERY...GOOD.
20-FOOT WINDS.....NORTHEAST WINDS AROUND 10 MPH UNTIL 2400...THEN
DOWNSLOPE/DOWNVALLEY 4-7 MPH.
RIDGE TOP WINDS.....NORTH 10 TO 15 MPH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....NORTHEAST 10 TO 15 MPH UNTIL 0300...THEN NORTH.
MIXING HEIGHT.....9000-11500 FT AGL UNTIL 2400...THEN 5000-7500
FT AGL.
SMOKE DISPERSAL.....FAIR TO GOOD (56000-76000 KNOT-FT).
HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

Weather Discussion

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL
GRASSLAND

WARM TEMPERATURES WILL CONTINUE OVER THE DISTRICTS TODAY AND
MONDAY THEN BECOME A LITTLE COOLER ON TUESDAY AS A WEAK FRONT
SLIPS SOUTH ACROSS THE AREA. ISOLATED MAINLY AFTERNOON SHOWERS AND
THUNDERSTORMS SHOULD OCCUR MAINLY OVER THE MOUNTAINS TODAY THEN
ACTIVITY WILL INCREASE IN COVERAGE MONDAY AND TUESDAY.

.TODAY...

SKY/WEATHER.....MOSTLY SUNNY UNTIL 1500...THEN PARTLY CLOUDY.
MAX TEMPERATURE.....88-93.

24 HR TREND.....3 DEGREES WARMER.

MIN HUMIDITY.....17-23 PERCENT.

24 HR TREND.....2 PERCENT WETTER.

20-FOOT WINDS.....SOUTHEAST UP TO 10 MPH.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....SOUTHEAST AROUND 10 MPH.

MIXING HEIGHT.....5900-6600 FT AGL INCREASING TO 10700-12700 FT
AGL IN THE AFTERNOON.

SMOKE DISPERSAL.....FAIR (43500 KNOT-FT) INCREASING TO VERY GOOD
(128500 KNOT-FT) IN THE AFTERNOON.

HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....MOSTLY CLEAR.

MIN TEMPERATURE.....57-62.

24 HR TREND.....UNCHANGED.

MAX HUMIDITY.....69-75 PERCENT.

24 HR TREND.....8 PERCENT WETTER.

HUMIDITY RECOVERY...GOOD.

20-FOOT WINDS.....SOUTHEAST AROUND 10 MPH.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....SOUTHEAST AROUND 10 MPH.

MIXING HEIGHT.....5900-6700 FT AGL DECREASING TO 300 FT AGL AFTER
MIDNIGHT.

SMOKE DISPERSAL.....GOOD (67200 KNOT-FT) DECREASING TO POOR (2000
KNOT-FT) AFTER MIDNIGHT.

HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

Weather Discussion

WYZ307 -
SNOWY RANGE/MEDICINE BOW NF

WARM TEMPERATURES WILL CONTINUE OVER THE DISTRICTS TODAY AND MONDAY THEN BECOME A LITTLE COOLER ON TUESDAY AS A WEAK FRONT SLIPS SOUTH ACROSS THE AREA. ISOLATED MAINLY AFTERNOON SHOWERS AND THUNDERSTORMS SHOULD OCCUR MAINLY OVER THE MOUNTAINS TODAY THEN ACTIVITY WILL INCREASE IN COVERAGE MONDAY AND TUESDAY.

.TODAY...

SKY/WEATHER.....MOSTLY SUNNY UNTIL 1200...THEN PARTLY CLOUDY.
SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS
AFTER 1500.
MAX TEMPERATURE.....69-77.
24 HR TREND.....6 DEGREES WARMER.
MIN HUMIDITY.....23-29 PERCENT.
24 HR TREND.....4 PERCENT WETTER.
20-FOOT WINDS.....SOUTHWEST UP TO 10 MPH IN THE MORNING BECOMING
UPSLOPE/UPVALLEY 5-9 MPH.
LAL.....1 UNTIL 1200...THEN 2 UNTIL 1500...THEN 3.
CHC OF WETTING RAIN.5 PERCENT.
TRANSPORT WINDS.....SOUTH AROUND 10 MPH SHIFTING TO THE EAST IN THE
AFTERNOON.
MIXING HEIGHT.....4400-5600 FT AGL INCREASING TO 9200-11200 FT
AGL IN THE AFTERNOON.
SMOKE DISPERSAL.....POOR (38000 KNOT-FT) INCREASING TO GOOD (91200
KNOT-FT) IN THE AFTERNOON.
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....PARTLY CLOUDY UNTIL 0300...THEN MOSTLY CLOUDY.
SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS
UNTIL 2100.
MIN TEMPERATURE.....45-51.
24 HR TREND.....UNCHANGED.
MAX HUMIDITY.....80-86 PERCENT.
24 HR TREND.....4 PERCENT WETTER.
HUMIDITY RECOVERY...GOOD.
20-FOOT WINDS.....DOWNSLOPE/DOWNVALLEY 4-7 MPH.
LAL.....2 UNTIL 2100...THEN 1.
CHC OF WETTING RAIN.5 PERCENT.
TRANSPORT WINDS.....SOUTHEAST AROUND 10 MPH SHIFTING TO THE SOUTH
AFTER MIDNIGHT.
MIXING HEIGHT.....4500-5700 FT AGL DECREASING TO 200-700 FT AGL
AFTER MIDNIGHT.
SMOKE DISPERSAL.....POOR TO FAIR (3900-50300 KNOT-FT).
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.